

Peer Review of Perchlorate Risk Assessment

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Presentation Goals

- Define Peer Review
- EPA Peer Review Policy
- Purpose of Peer Review
- Scope of Peer Review for Perchlorate
- Impact on Perchlorate Risk Assessment

Define Peer Review

- *"Documented critical review of Agency scientific or technical work product"*
 - In-depth Assessment
 - Conducted by qualified individuals
 - Independent of those who performed work
 - Equivalent in technical expertise

EPA Peer Review Policy

- *"Major scientifically and technically based work products related to Agency decisions should be peer reviewed..."*
- *"For those work products that are intended to support the most important decisions or that have special importance in their own right, external peer review is the procedure of choice..."*

Purpose of Peer Review

- Ensure quality, credible Agency decisions
- Preparation of sound, technically defensible analyses and work products.

Scope of Perchlorate Peer Review

- Independent, external peer review of all aspects of the perchlorate risk assessment
- EPA Office of Solid Waste and Emergency Response will oversee peer review
 - Study protocols
 - Study results
 - Development of reference dose
 - Selection of critical endpoint
 - Use of uncertainty factors
 - Risk characterization

Scope of Perchlorate Peer Review

- Stakeholder participation
 - Nomination of expert peer reviewers
 - Selection by independent scientific panel
 - Examination of potential conflict of interest
 - Open peer review panel meeting
 - Opportunity for comment by interested parties
 - Preparation of final peer review report

Impact on Perchlorate Risk Assessment

- Submit Final Peer Review Report to NCEA
- Preparation of Responsiveness Summary
 - Detailed response to all peer review comments
 - Comments addressed
 - Explanation of Changes
- Completion of final risk assessment

Where to reach me!

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